

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	09/777,002
Filing Date	February 5, 2001
First Named Inventor	Gregory Hagan Moulton et al.
Art Unit	2151
Examiner Name	Hassan A. Phillips
Attorney Docket Number	16192.76.3

U.S. PATENTS

Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4404676	09/1983	DeBenedictis	
	2	4694396	09/1987	Weisshaar et al.	
	3	4814984	03/1989	Thompson	
	4	4929946	05/1990	O'Brien et al.	
	5	5016009	05/14/1991	Whiting et al.	
	6	5126739	06/30/1992	Whiting et al.	
	7	5130992	07/14/1992	Frey, Jr. et al.	
	8	5140321	08/18/1992	Jung	
	9	5153986	10/1992	Brauer et al.	
	10	5202982	04/13/1993	Gramlich et al.	
	11	5278838	01/11/1994	Ng et al.	
	12	5281967	01/25/1994	Jung	
	13	5406279	04/11/1995	Anderson et al.	
	14	5485474	01/1996	Rabin	
	15	5488731	01/30/1996	Mendelsohn	
	16	5521597	05/1996	Dimitri	
	17	5532694	07/1996	Mayers et al.	
	18	5608801	03/04/1997	Aiello et al.	
	19	5689678	11/1997	Stallmo et al.	
	20	5742811	04/1998	Agrawal et al.	
	21	5793869	08/1998	Clafin, Jr.	
	22	5805804	09/1998	Laursen et al.	
	23	5826001	10/1998	Lubbers et al.	
	24	5831558	11/03/1998	Harvell	
	25	5832222	11/1998	Dziadosz	
	26	5842224	11/1998	Fenner	
	27	5850565	12/15/1998	Wightman	
	28	5870774	02/09/99	Westphal et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HP/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	09/777,002
Filing Date	February 5, 2001
First Named Inventor	Gregory Hagan Moulton et al.
Art Unit	2151
Examiner Name	Hassan A. Phillips
Attorney Docket Number	16192.76.3

	29	5909677	06/1999	Broder et al.	
	30	5915024	06/1999	Kitaori et al.	
	31	5933104	08/1999	Kimura	
	32	5933592	08/1999	Lubbers et al.	
	33	5943443	08/1999	Itonori et al.	
	34	5974506	10/1999	Sicola et al.	
	35	5990810	11/23/1999	Williams	
	36	5996089	11/30/1999	Mann et al.	
	37	6000020	12/07/1999	Chin et al.	
	38	6021409	02/2000	Burrows	
	39	6021491	02/2000	Renaud et al.	
	40	6044220	03/2000	Breternitz, Jr.	
	41	6065008	05/2000	Simon et al.	
	42	6128762	10/30/2000	Jadav et al.	
	43	6141421	10/2000	Takaragi et al.	
	44	6148414	11/2000	Brown et al.	
	45	6151659	11/2000	Solomon et al.	
	46	6170744	01/2001	Lee et al.	
	47	6199099	03/2001	Gershman et al.	
	48	6199179	03/2001	Kauffman et al.	
	49	6219423	04/2001	Davis	
	50	6230155	02/2001	Broder et al.	
	51	6268809	07/2001	Saito	
	52	6351838	02/2002	Amelia	
	53	6356979	03/2002	Sicola et al.	
	54	6374250	04/2002	Ajtai et al.	
	55	6377907	04/2002	Waclawski	
	56	6393473	05/2002	Chu	
	57	6463454	10/2002	Lumelsky et al.	
	58	6535894	03/2003	Schmidt et al.	
	59	6549943	04/2003	Spring	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HP/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	09/777,002
Filing Date	February 5, 2001
First Named Inventor	Gregory Hagan Moulton et al.
Art Unit	2151
Examiner Name	Hassan A. Phillips
Attorney Docket Number	16192.76.3

60	6553494	04/2003	Glass	
61	6571354	05/2003	Parks et al.	
62	6611213	08/2003	Bentley et al.	
63	6643795	11/2003	Sicola et al.	
64	6654831	11/2003	Otterness et al.	
65	6667700	12/2003	McCanne et al.	
66	6671358	12/2003	Seidman et al.	
67	6704730	03/09/2004	Moulton et al.	
68	6754181	06/2004	Elliott et al.	
69	6760330	07/2004	Tahan	
70	6779030	08/2004	Dugan et al	
71	6802068	10/2004	Guruprasad	
72	6810398	10/26/2004	Moulton	
73	6826690	11/2004	Hind et al.	
74	6826711	11/30/2004	Moulton et al.	
75	6828925	12/2004	McCanne et al.	
76	6839827	01/2005	Beardsley et al.	
77	6961009	11/2005	McCanne et al.	
78	6970434	11/2005	Mahany et al.	
79	7000143	02/14/2006	Moulton et al.	
80	7062648	06/13/2006	Moulton et al.	
81	7116249	10/2006	McCanne et al.	
82	7194504	03/20/2007	Moulton	
83	7272602	09/18/2007	Moulton	

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	20010052024	12/2001	Devarakonda et al.	
	2	20020029319	03/2002	Robbins et al.	
	3	20020035667	03/2002	Bruning III et al.	
	4	20020055529	03/2002	McCanne et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HP/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	09/777,002
Filing Date	February 5, 2001
First Named Inventor	Gregory Hagan Moulton et al.
Art Unit	2151
Examiner Name	Hassan A. Phillips
Attorney Docket Number	16192.76.3

5	20020194209	12/2002	Bolosky et al.	
6	20020194484	12/2002	Bolosky et al.	
7	20040148306	07/29/2004	Moulton et al.	
8	20040162808	08/2004	Margolus et al.	
9	20050091234	04/2005	Hsu et al.	
10	20050120137	06/02/2005	Moulton	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Country Code	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
	1	EP 0947932	EPO	10/06/1999	Mitsubishi		<input type="checkbox"/>
	2	EP 0670543	EPO	09/06/1995	IBM		<input type="checkbox"/>
	3	JP 4062-2813A	JP	07/1994	IBM		<input type="checkbox"/>
	4	WO97/50205	PCT	12/31/1997	Intel		<input type="checkbox"/>
	5	WO99/09480	PCT	02/1999	Telebackup		<input type="checkbox"/>
	6	WO99/38093	PCT	07/1999	Wave Research		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
	1	Generic Diff Format Specification, Submitted to W3C 8/21/1997 http://www.w3.org/TR/NOTE-gdiff-19970901	<input type="checkbox"/>
	2	ABD EL FATTAH, AHMED HEGAZY, "Searching Large Textual Files for Near Matching Patterns", Dissertation, School of Engineering and Applied Science, George Washington University, July 24, 1985	<input type="checkbox"/>
	3	AHO et al. "Data Structures and Algorithms", 1983, Chapter 4, Addison-Wesley Publishing Company, Reading, MA, pp. 107-151.	<input type="checkbox"/>
	4	BAJAJ et al., "Progressive Image Transmission: An Adaptive Quadtree-Pruning Approach"; Department of Computer Sciences, Purdue University, West Lafayette, IN, 1997 IEEE	<input type="checkbox"/>
	5	BRODER, A.Z., "On the Resemblance and Containment of Documents", Digital Systems Research Center, Palo Alto, CA	<input type="checkbox"/>
	6	KABBAJ, ADIL, "Conceptual Lexicon" http://amine-platform.sourceforge.net/component/kernel/lexicons.htm , 11/29/2004.	<input type="checkbox"/>
	7	KARP, R.M. et al., "Efficient Randomized Pattern-Matching Algorithms" IBM Journal of Research and Development, Vol. 31 No. 2, March 1987, pp. 249-260.	<input type="checkbox"/>
	8	KORNBLUM, J. "Identifying Almost Identical Files Using Context Triggered Piecewise Hashing", Digital Investigation, Vol. 35, pp S91-S97, 2006	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. 4/1P/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	09/777,002
Filing Date	February 5, 2001
First Named Inventor	Gregory Hagan Moulton et al.
Art Unit	2151
Examiner Name	Hassan A. Phillips
Attorney Docket Number	16192.76.3

9	MEMON, N.D. et al, "Asymmetric lossless image compression"; 1995 IEEE, pp 457.	<input type="checkbox"/>
10	MOGUL, JEFFREY C. et al., "Potential benefits of delta encoding and data compression for HTTP", Digital Equipment Corporation Western Research Laboratory, Palo Alto, CA	<input type="checkbox"/>
11	RABIN, M.O., "Fingerprinting by Random Polynomials", TR-15-81, Department of Computer Science, Harvard University, 1981	<input type="checkbox"/>
12	RAJ, B., WHITTAKER, E.W.D., "Lossless compression of language model structure and word identifiers" 2003. Proceedings. (ICASSP '03). 2003 IEEE pages I-388 - I-391	<input type="checkbox"/>
13	RENU TEWARI Daniel M. Dian Rajat Mukherjee Harrick M Vin, "High Availability in Clustered Multimedia Servers". Proceedings of the 12th International Conference on Data Engineering, 1996.	<input type="checkbox"/>
14	SCHEIRER, W. et al. "Comparison of Three Sliding-Window Based Worm Signature Generation Schemes", CSE Dept, Lehigh University	<input type="checkbox"/>
15	SCHLEIMER, S. et al. "Winnowing: Local Algorithms for Document Fingerprinting", SIGMOD 2003, June 9-12, 2003, San Diego, CA.	<input type="checkbox"/>
16	SPRING, N.T. et al., "A Protocol-Independent Technique for Eliminating Redundant Network Traffic", Computer Science and Engineering, 352350, University of Washing, Seattle, WA	<input type="checkbox"/>
17	TRIDGELL, A. SpamSum Overview and Code samba.org/ftp/unpacked/junkcode/spamsum , 2002.	<input type="checkbox"/>

OFFICE ACTION / NOTICE OF ALLOWANCE DOCUMENTS

Examiner Initials*	Cite No.	Application Number	Mail Date	Document
	1	10/998,458	05/07/2007	Office Action
	2	10/998,458	11/23/2007	Office Action
	3	10/998,458	06/20/2008	Office Action

EXAMINER SIGNATURE

Examiner Signature	/Hassan Phillips/	Date Considered	10/30/2008
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant is to place a check mark here if English language translation is attached.